

Tooling Information



Management system



1975

Out of Production

- **F-4**
- **S-2**
- **T-2**
- **H-3**

In Production

A-4
H-1
OV-10
P-3
S-3
A-6
H-46
H-53
E-2C
C-2
F-14
EA-6B



THE GOLDEN RULE OF TOOLING MANAGEMENT

**ANY NONCONSUMABLE WEAPONS
SYSTEM IS ONLY AS VALUABLE AS
ITS POST PRODUCTION
AFFORDABILITY AND
SUPPORTABILITY**







SPECIAL TEST EQUIPMENT



**Federal Acquisition Regulations say
that outside their intended application
they are just about useless**





NAVICP -
Philadelphia

Tooling - F/A-18 Production Line



Special Test Equipment - F/A-18 Fatigue Test





ST
214,591

STE
22,131

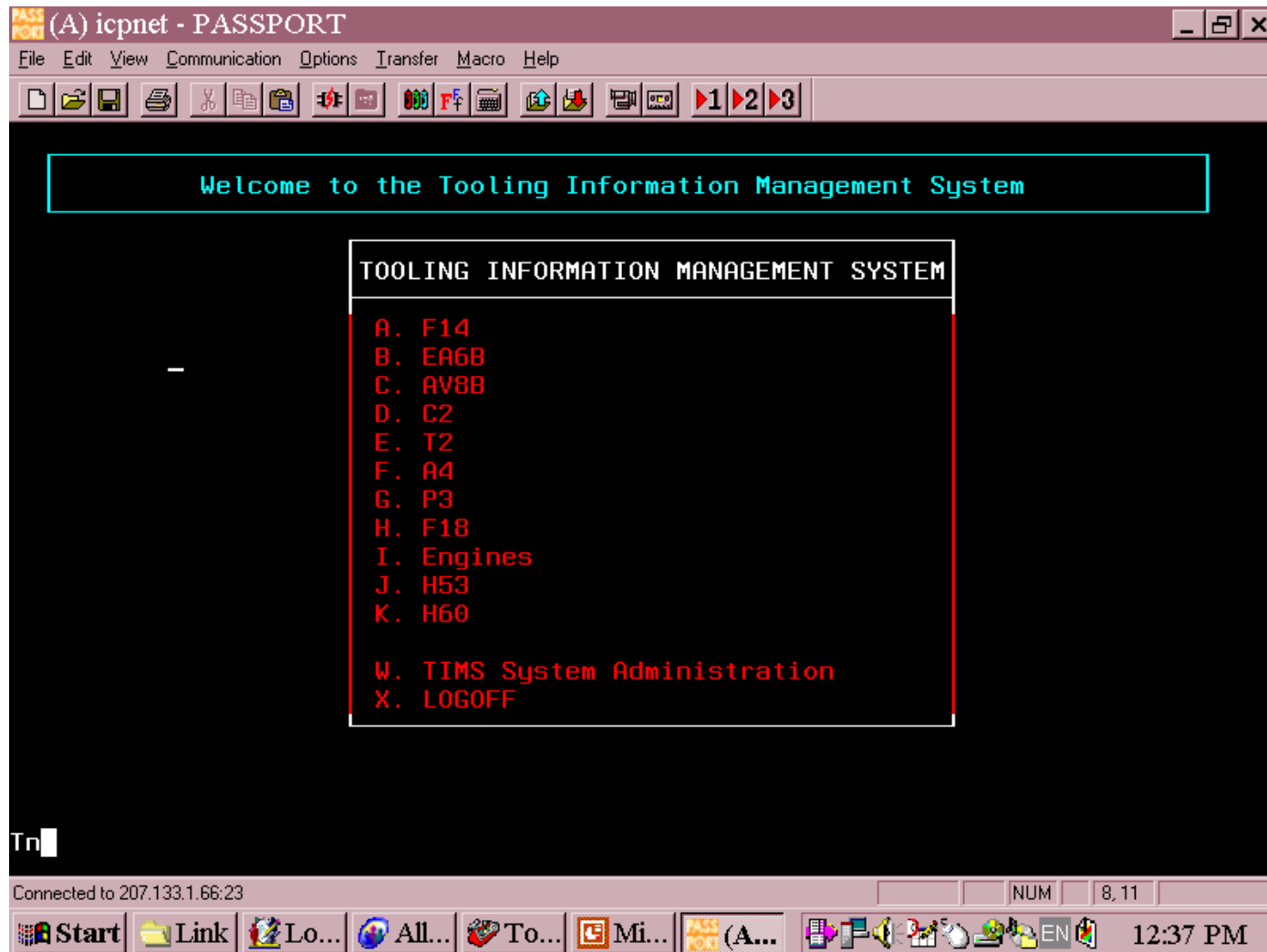


REASONS FOR KEEPING AND REUSING ST/STE

- **Service Life Extension**
- **Airframe Changes**
- **Battle and Crash Damage**
- **Depot Level Production and Repair**
- **Inventory Control Point Production of Spares and Repair of Repairables**
- **Defense Logistics Agency Production of Spares**
- **Foreign Military Sales**



TIMS





TIMS

PASSPORT (A) icpnet - PASSPORT

File Edit View Communication Options Transfer Macro Help

30 JAN 02 INTERROGATE TOOLING INFORMATION REQUEST 12.40.16

=====

Part Number: _____

NIIN : _____

Tool ID : A51B25015*_ _____ Dup#: _____

Serial # : _____

TCN : _____

Contract : _____

=====

Partial Searches allowed on Part/Tool/Serial/TCN or Contract.
The ^ indicates the minimum # of characters required for a partial search.

=====

F1-Help F3-Menu F4-Clear Entry

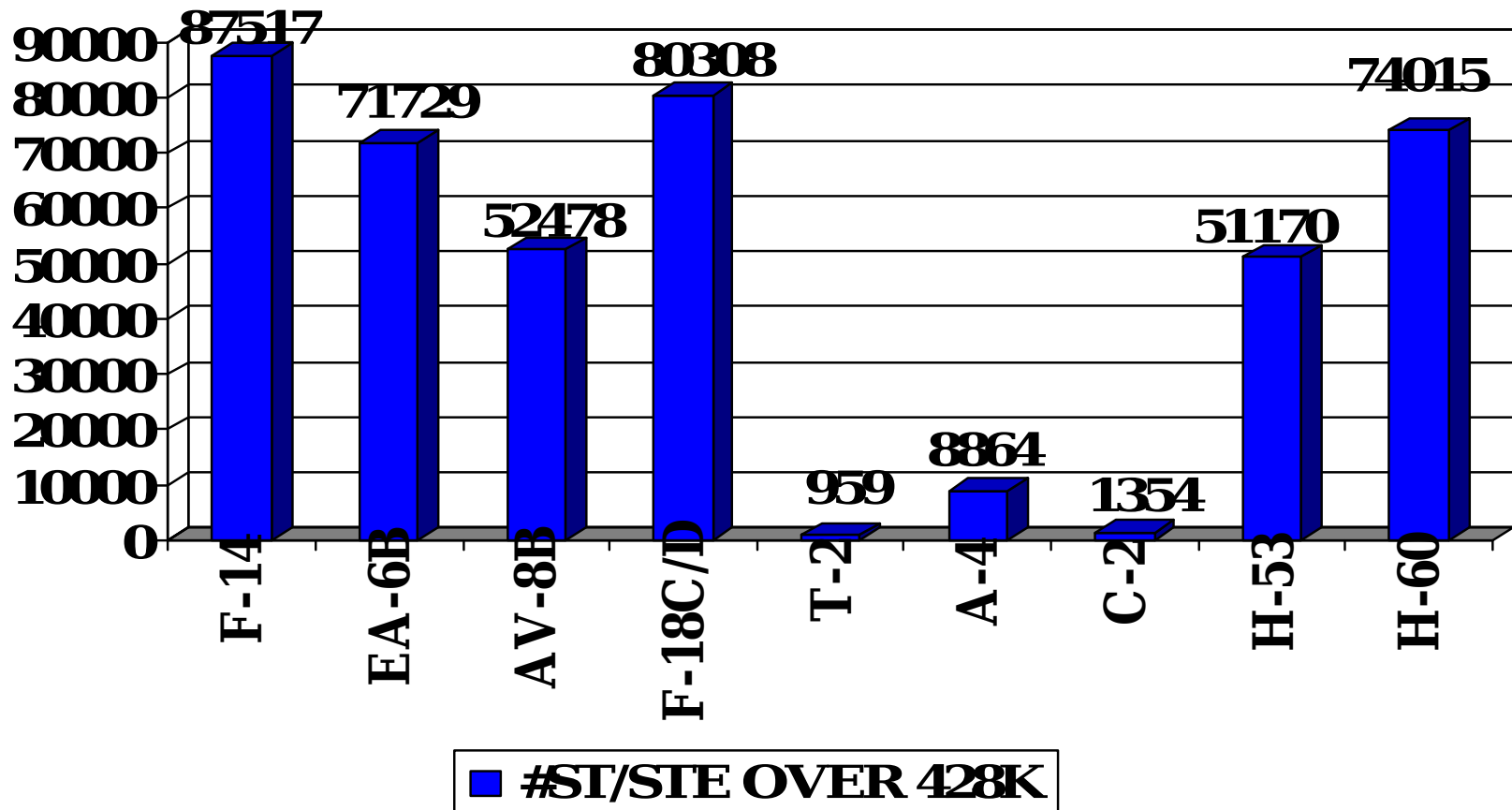
Tn

Connected to 207.133.1.66:23

NUM 7,27

Start Link Lo... All... To... Mi... PASSPORT (A... 12:40 PM

ST/STE BY AIRCRAFT





AMARC



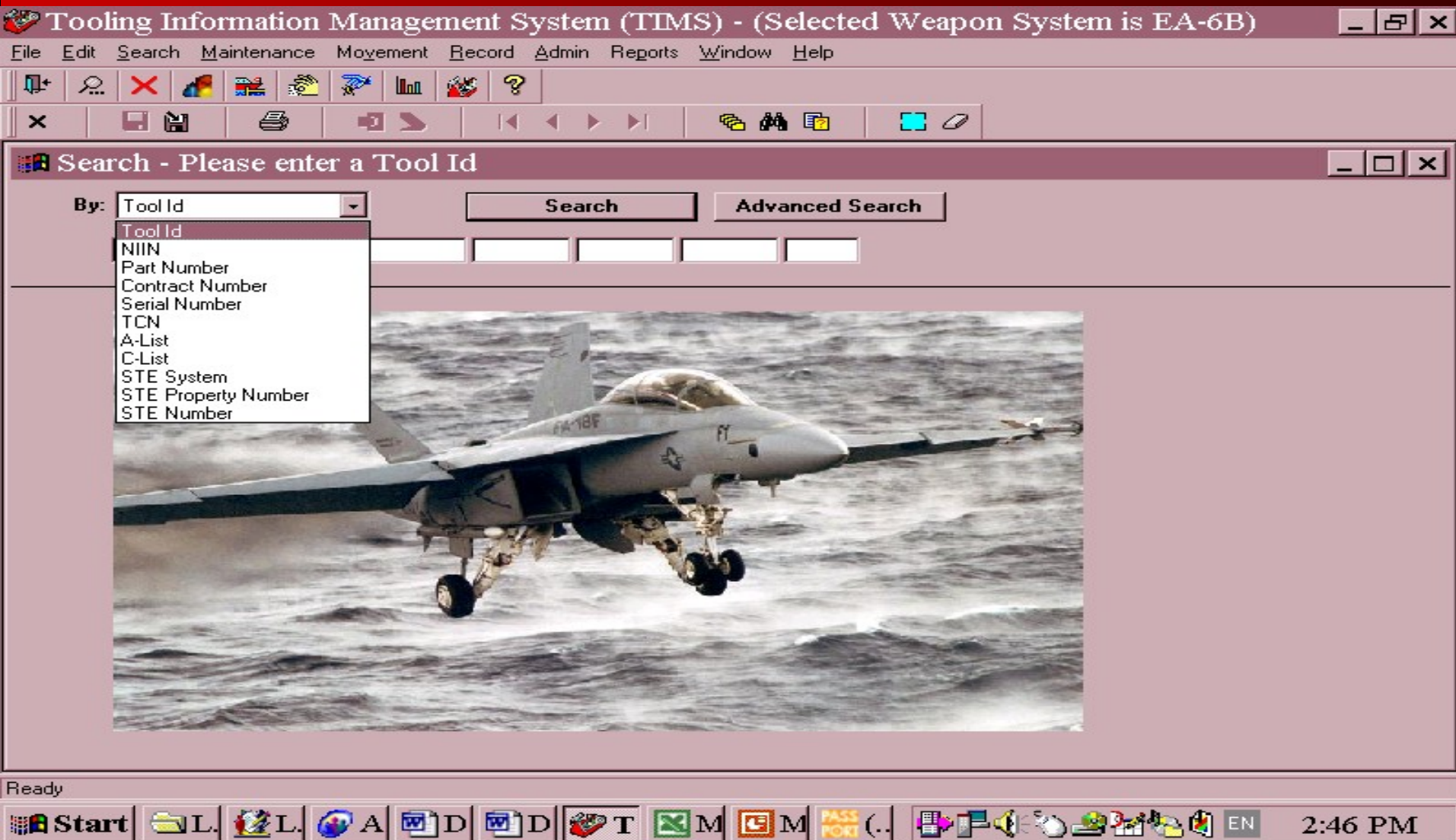


GRANITE CITY



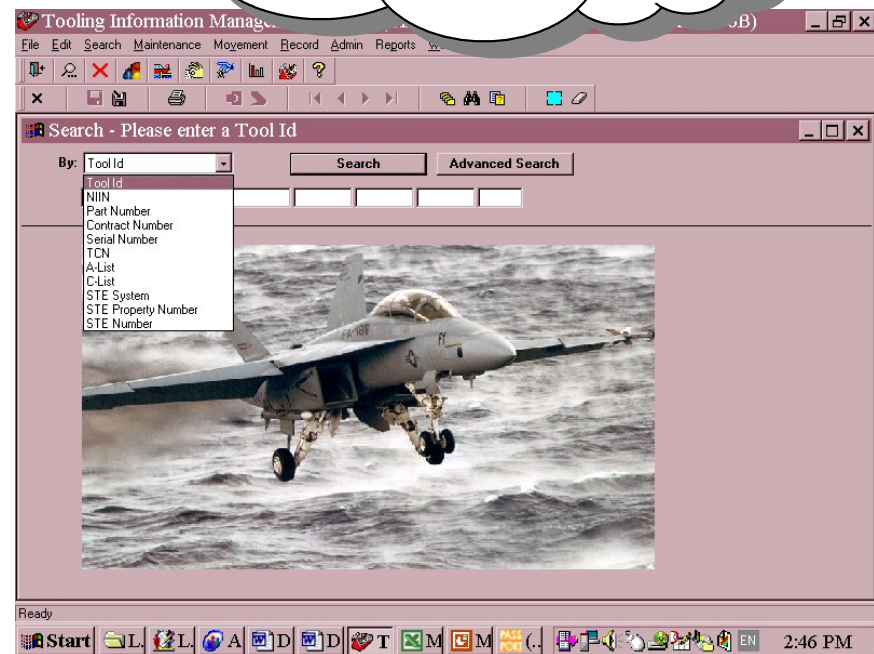


eTIMS



- Thin client Internet accessible Windows based program for management of ST/STE
- Over 422K pieces currently managed
- Total value of ST/STE \$1.9B
- Identifies:
 - all tools required to build or repair
 - ST/STE tool location
 - contract, if applicable
 - duration of use
- Current Users: NAVICP, NAVAIR, DLA, Air Force and associated contractors

Advanced Technologies Institute called eTIMS the Benchmark for DoD tooling programs



NAVSUP AUTOMATED ORDER PROCESS

Tooling Information Management System (TIMS) - (Selected Weapon System is F/A-18) - [...]

File Edit Search Maintenance Movement Record Admin Reports Window Help

ST/STE Release Report

From: Allan Martin (NAVICP Philadelphia) / (215) 697-5737

To: GRANIT
Granite City, (47048)

Subject: 03-20-2003 / F/A-18 / C-2075

TAC: 97X4930-5CG0-01-22.2-S33-150

Comments:

Tool ID	Dup	Contract No.	CAGE	Expected Return Date
74A835794 2005 NWF 01 001		N00383-03-G-006D TY69	76823	08/31/2004
74A835794 2003 NSMF 01 001		N00383-03-G-006D TY69	76823	08/31/2004
74A835794 2001 NSMF 01 001		N00383-03-G-006D TY69	76823	08/31/2004

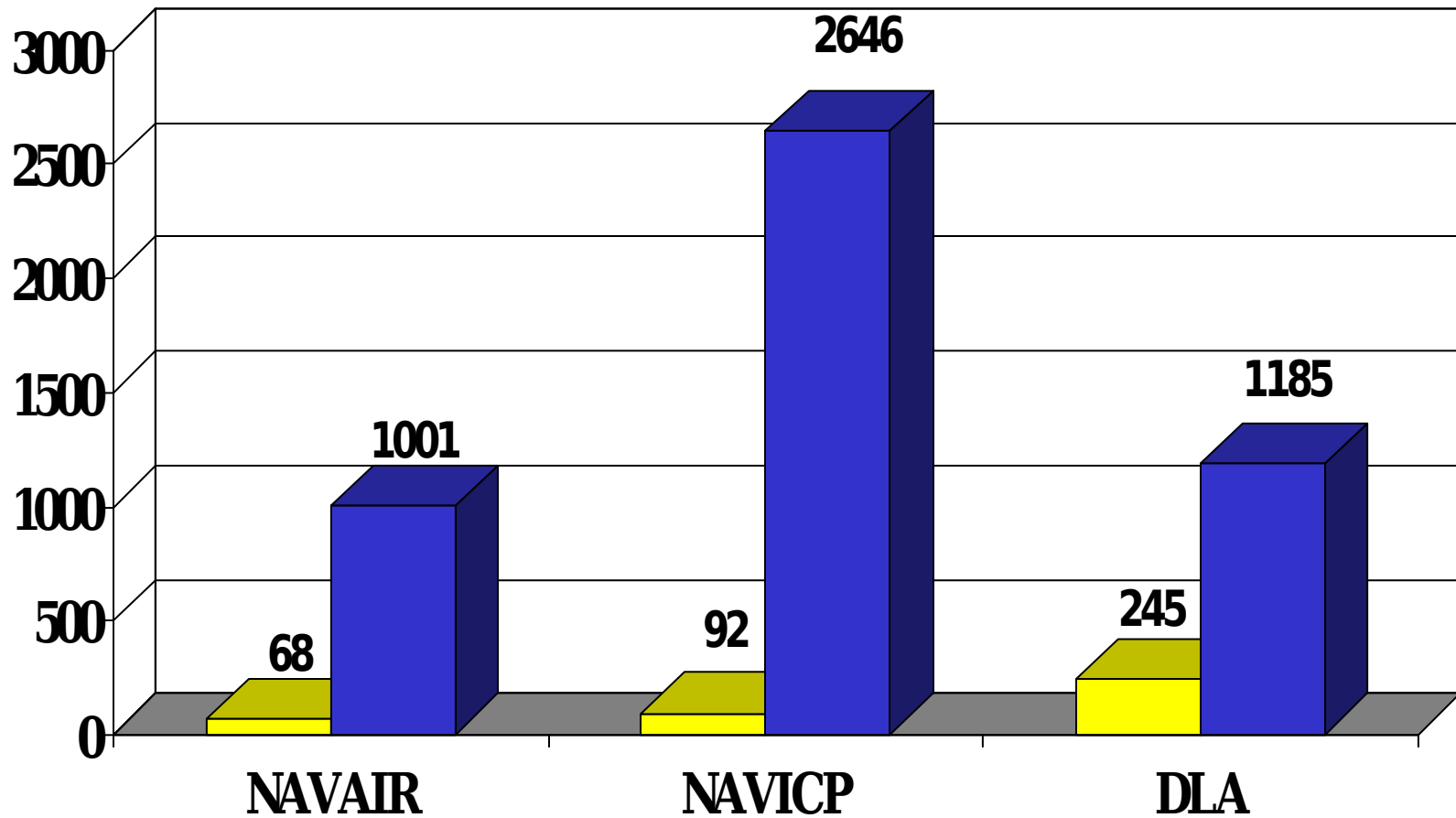
Printed: 03/24/2003 12:41:26 Subject: 03-20-2003 / F/A-18 / C-2075 Page 3 of 3

Report Data Retrieved. (Ready)

Start Link Alla... To... Mic... Mic... 12:41 PM



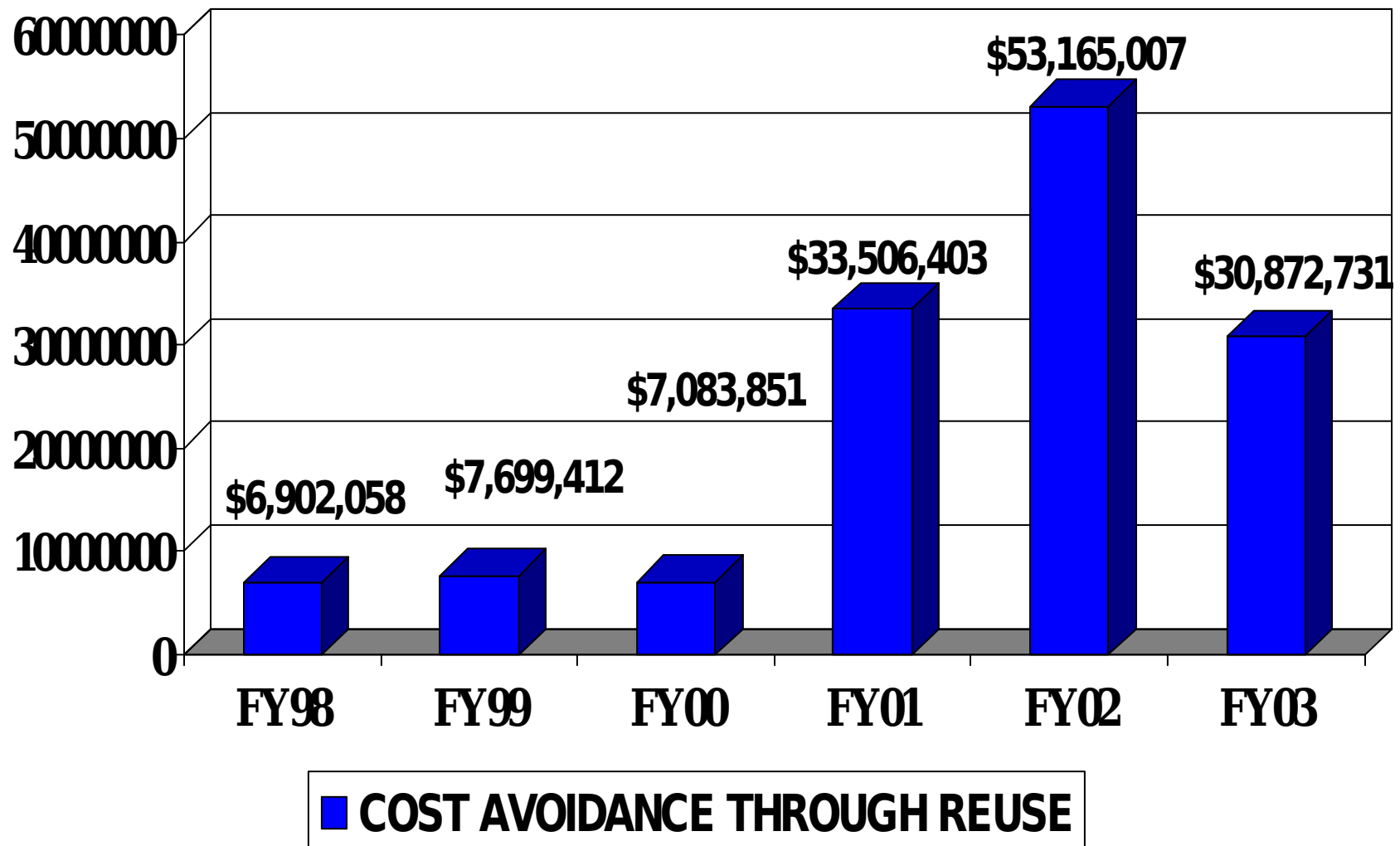
WHO USES THE TOOLING?



■ NUMBER OF REQUESTS ■ NUMBER OF ST/STE REQUESTED



COST AVOIDANCE





A STEP FURTHER

**F-18 E/F FIRST IN-PRODUCTION AIRCRAFT
TO SUCCESSFULLY DEPLOY eTIMS
PRINCIPLE**

**BENEFIT AT PRODUCTION LINE
SHUTDOWN WHEN FUNDS ARE AT A
PREMIUM, ST/STE DISPOSITION WILL BE
A TURNKEY EFFORT**



TODAY

Out of Production

- T-2
 - H-3
 - A-4
 - S-3
 - H-46
 - P-3
 - C-2
 - F-14
 - EA-6B
 - H-1
 - H-53
- SH60
 - AV-8
 - F-18C/D

In Production

- E-2C
- F-18E/F